



STIC Search Report

EIC 3600

STIC Database Tracking Number: 107708

**To: Woodre Eldred
Location: 2A79
Art Unit : 3641
Friday, February 10, 2006**


Case Serial Number: 10/811795

**From: Etelka R. Griffin
Location: EIC 3600
KNOX/4B68
Phone: 571-272-4230**

Etelka.griffin@uspto.gov

Search Notes

LITIGATION

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=6490822** ([Edit Search](#) | [Suggest Terms for My Search](#))

007590 (10) 6490822 December 10, 2002

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6490822

[* Get Drawing Sheet 1 of 15](#)

[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

December 10, 2002

Modular sleeve

APPL-NO: 007590 (10)


FILED-DATE: December 10, 2001

GRANTED-DATE: December 10, 2002

CORE TERMS: sleeve, receiver, handguard, firearm, barrel, interface, channel, rear, longitudinal, modular ...

ENGLISH-ABST:

A Swan universal receiver sleeve attached to the top of a firearm upper receiver and extended forward above the firearm barrel to a position just short of the firearm front sight. The underside of the rear portion of the sleeve is fixedly attached to the receiver top. The underside of the forward portion of the sleeve has an upper handguard piece attached thereto. A bottom handguard piece is fitted about the bottom of the gun barrel and is attached to the upper handguard piece. The handguard pieces are not physically connected in any way to the gun barrel. The sleeve is self supported by the connection of the rear portion underside to the receiver top.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=6490822** ([Edit Search](#) | [Suggest Terms for My Search](#))

View: **Custom**

Segments: Abst, Appl-no

Date/Time: Friday, February 10, 2006 - 10:48 AM EST



LexisNexis®

[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2006 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms

"6490822 or 6,490,822 "

Patent Cases from Federal Courts and Administrative Materials

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

 Save this search as an alert

 Edit search



LexisNexis

[About LexisNexis](#) | [Terms & Conditions](#)

[Copyright ©](#) 2006 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms

"6490822 or 6,490,822"

Patent, Trademark & Copyright Periodicals, Combined

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

 Save this search as an alert

 Edit Search



LexisNexis®

[About LexisNexis](#) | [Terms & Conditions](#)

[Copyright ©](#) 2006 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6490822 B1 20021210 [US6490822]

Title :

(B1) Modular sleeve

Inventor(s) :

(B1) SWAN RICHARD E (US)

Application Nbr :

US759001 20011210 [2001US-0007590]

Filing Details :

Rel. Prov. 60/274,147 20010309 [2001US-P274147]

Priority Details :

US759001 20011210 [2001US-0007590]

US27414701P 20010309 [2001US-P274147]

Intl Patent Class :

(B1) F41C-023/00

EPO ECLA Class :

F41C-023/00

F41C-023/16

F41G-001/387D

US Patent Class :

ORIGINAL (O) : 042071010; CROSS-REFERENCE (X) : 042075010 042124000

Document Type :

Basic

Citations :

US3939589; US4845871; US5010676; US5142806; US5343650; US5412895;

US5533292; US5826363; US6453594

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A Swan universal receiver sleeve attached to the top of a firearm upper receiver and extended forward above the firearm barrel to a position just short of the firearm front sight. The underside of the rear portion of the sleeve is fixedly attached to the receiver top. The underside of the forward portion of the sleeve has an upper handguard piece attached thereto. A bottom handguard piece is fitted about the bottom of the gun barrel and is attached to the upper handguard piece. The handguard pieces are not physically connected in any way to the gun barrel. The sleeve is self supported by the connection of the rear portion underside to the receiver top.

Update Code :

2002-51

1 / 1 LGST - @EPO

Patent Number :

US6490822 B1 20021210 [US6490822]

Application Number :

US759001 20011210 [2001US-0007590]

Action Taken :

20040622 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040329

Update Code :

2004-26

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,490,822 A 20021210 [US6490822]

Patent Assignee :

Swan, Richard E

Actions :

20040329 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040622

REISSUE REQUEST NUMBER: 10/811795

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3644

Reissue Patent Number:

1 / 1 INPADOC - @INPADOC

Patent Number :

US 6490822 BA 20021210 [US6490822]

Title :

Modular sleeve

Inventor(s) :

SWAN RICHARD E [US]

Patent Assignee (Words) :

SWAN RICHARD E [US]

Application Details :

US 7590/01-A 20011210 [2001US-0007590]

Priority Details :

US 7590/01-A 20011210 [2001US-0007590]

US 274147/01-P 20010309 [2001US-P274147]

Intl. Patent Class. :

F41C-023/00

1 / 1 LGST - @EPO

Patent Number :

US6490822 B1 20021210 [US6490822]

Application Number :

US759001 20011210 [2001US-0007590]

Action Taken :

20040622 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040329

Update Code :

2004-26

[Order Documents](#) : [Available Courts](#) : [Lexis.com](#) | [Sign Out](#) | [Learning Center](#)

LexisNexis CourtLink

Welcome Etelka Griffin!

[My CourtLink](#) [Search](#) [Dockets & Documents](#) [Track](#) [Alert](#) [Strategic Profiles](#) [My Account](#)



[Search](#) > [Patent Search](#) > Searching

Patent Search - Number: 6490822

No cases found.

[Return to Search](#)

(Charges for search still apply)

[Pricing](#) [Privacy](#) [Master Services Agreement](#)

Copyright © 2006 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.